

**59079 AND 12599, PROTEIN KINASE FAMILY MEMBERS AND USES
THEREFOR**

ABSTRACT

The invention provides isolated nucleic acids molecules, designated 59079 and 12599 nucleic acid molecules, which encode novel protein kinase family members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 59079 or 12599 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a 59079 or 12599 gene has been introduced or disrupted. The invention still further provides isolated 59079 and 12599 proteins, fusion proteins, antigenic peptides and anti-59079 and anti-12599 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.